

CLAIMS

What is claimed is:

1. A composition comprising: (a) at least one polyolefin; (b) at least one fatty acid amide, said composition further characterized by having no inorganic particles.
2. The composition according to Claim 1, wherein said polyolefin comprises at least one polyethylene.
3. The composition according to Claim 1, wherein said polyolefin comprises at least one polyethylene selected from the group consisting of (i) a copolymer of ethylene and of at least one vinyl ester of a saturated carboxylic acid containing 2 to 6 carbon atoms, (ii) a copolymer of ethylene and of at least one alkyl acrylate or methacrylate in which the alkyl group contains from 1 to 10 carbon atoms, (iii) a copolymer of (i) or (ii) further copolymerized with maleic anhydride or glycidyl (meth)acrylate, and (iv) a mixture of at least two of the copolymers of (i), (ii), or (iii).
4. The composition according to Claim 1, wherein said polyolefin comprises at least one ethylene vinyl acetate.
5. The composition according to Claim 4, wherein said ethylene vinyl acetate consists of 10-40 wt. % vinyl acetate units.
6. The composition according to Claim 4, wherein said ethylene vinyl acetate consists of 12-33 wt.% vinyl acetate units.
7. The composition according to Claim 4, wherein said ethylene vinyl acetate consists of 15-33 wt. % vinyl acetate units.

8. The composition according to Claim 1, wherein said composition comprises at least one fatty acid amide selected from the group consisting of N,N'-ethylenebisoleamide, N,N'-ethylenebisstearamide, erucamide, stearamide, behenamide, oleamide, and mixtures thereof.
9. The composition according to Claim 1, wherein said composition comprises at least one fatty acid amide selected from the group consisting of N,N'-ethylenebisoleamide, N,N'-ethylenebisstearamide, and mixtures thereof.
10. The composition according to Claim 1, wherein said polyolefin comprises at least one polyethylene selected from the group consisting of (i) a copolymer of ethylene and of at least one vinyl ester of a saturated carboxylic acid containing 2 to 6 carbon atoms, (ii) a copolymer of ethylene and of at least one alkyl acrylate or methacrylate in which the alkyl group contains from 1 to 10 carbon atoms, (iii) a copolymer of (i) or (ii) further copolymerized with maleic anhydride or glycidyl (meth)acrylate, and (iv) a mixture of at least two of the copolymers of (i), (ii), or (iii); and further wherein said composition comprises at least one fatty acid amide selected from the group consisting of N,N'-ethylenebisoleamide, N,N'-ethylenebisstearamide, erucamide, stearamide, behenamide, oleamide, and mixtures thereof.
11. The composition according to Claim 1, wherein said polyolefin comprises at least one polyethylene selected from LLDPE, mLLDPE, and plastomers.
12. The composition according to Claim 1, wherein said polyolefin comprises at least one polyethylene selected copolymers of ethylene and of at least one vinyl ester of a saturated carboxylic acid containing 2 to 6 carbon atoms, and at least one fatty acid amide selected from the group consisting of N,N'-ethylenebisoleamide, N,N'-ethylenebisstearamide, and mixtures thereof.

13. The composition according to Claim 12, wherein said polyolefin comprises ethylene vinyl acetate consists of 12-28 wt.% vinyl acetate units.
14. The composition according to Claim 1, wherein the total fatty acid amide content is from about 100 to 6000 ppm per 2 mil thickness, based on the total composition.
15. The composition according to Claim 14, wherein the total fatty acid amide content is from about 500 to 5000 ppm per 2 mil thickness, based on the total composition.
16. A method of forming a pellet comprising: (a) adding the composition according to Claim 1 to a pelletizing extruder; and (b) extruding a pellet comprising said composition.
17. A pellet comprising the composition according to Claim 1.
18. A film including at least one layer comprising the composition according to Claim 1.
19. An article comprising a packaging material and a packaged material, said packaging material comprising a film according to Claim 1, and said packaged material selected from solids, liquids and gases.
20. An article according to Claim 19, wherein said packaged material includes a lubricant composition.
21. A method of forming a film comprising: (a) adding the composition according to Claims 1 to a pelletizing extruder; (b) extruding a pellet comprising said composition; (c) forming a film from said pellet.

22. The method according to Claim 21, wherein step (c) wherein said film is a blown film.
23. An article including a film comprising the composition according to Claim 1.
24. The article according to Claim 23, wherein said film encapsulates a lubricant composition.
25. A method of blending a first composition contained within an add-pack with a second composition comprising: (a) providing an add-pack comprising a packaging material and a packaged material; (b) combining said add-pack with said second composition; and (c) blending said add-pack and said second composition until said packaging material and said packaged material are dissolved or dispersed in said second composition, wherein the improvement comprises a packaging material made according to Claim 21.